AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1.   (previously presented):   A method of combining at least two received signals (A, A') of a telecommunication system comprising:

processing a first combining algorithm (B1) for providing a resulting signal (S1), and a second, differing combining algorithm (B2) for providing a second resulting signal (S2); and

combining the two resulting signals (S1 and S2), wherein the combination depends on the two resulting signals (S1, S2).

2.   (previously presented):   The method of claim 1, wherein a quality of the two resulting signals (S1, S2) is estimated.

3.   (previously presented):   The method of claim 2, wherein the estimated quality of the two resulting signals (S1, S2) is used to weight the combination of the two resulting signals (S1 and S2).

4.   (original):   The method of one of claims 1 to 3, wherein one of the two algorithms (B1) is a temporal reference algorithm and the other one of the two algorithms (B2) is a spatial reference algorithm.

5.   (previously presented):   The method of one of claims 1 to 4, wherein more than two, differing algorithms (B1, B2) are used.

6.   (previously presented):   A receiver of a telecommunication system for combining at least two received signals (A, A') comprising:

a first combining algorithm (B1) for providing a resulting signal (S1), and a second, differing combining algorithm (B2) for providing a second resulting signal (S2); and

means for combining the two resulting signals (S1 and S2), wherein the combination depends on the two resulting signals (S1, S2).

7.   (currently amended): A method of combining a plurality of received signals of a telecommunication system comprising:

receiving the plurality of signals;

determining the condition of the signals;

selecting from a plurality of differing algorithms, one or more algorithms to process the plurality of the signals, based on the condition of the signals; and

~~combining the processed signals~~ selecting one of the processed signals as a representative signal.

8.   (previously presented):   A method of combining a plurality of received signals of a telecommunication system comprising:

receiving the plurality of signals;

determining the condition of the signals;

processing the plurality of signals with a plurality of algorithms based on the condition of the signals; and

selecting one of the processed signals as a representative resulting signal.

9.   (currently amended): A receiver of a telecommunication system for combining a plurality of signals, comprising:

a plurality of differing algorithms;

a selector operable to select one or more of the differing algorithms to process the plurality of the signals, based on the condition of the signals; and

means for ~~combining the processed signals or~~ selecting one of the processed signals as a representative signal.